Name:


Name:

| 1. Round to the nearest ten thousand. $5,483,978$ | 2. Write the missing numbers. |
| :---: | :---: |
| 3. Identify the statement that represents the fraction $\frac{3}{12}$. <br> A. 3 minus 12 <br> B. 3 divided by 12 <br> C. 12 divided by 3 | 4. Solve: $6,003-768=$ |
| 5. A lion's heart beats 85 times in 6 minutes. What is the approximate rate per minute? | 6. How many line segments are necessary to <br> a. draw a triangle $\qquad$ <br> b. draw a hexagon $\qquad$ <br> c. draw a quadrilateral $\qquad$ |
| 7. Write the following number in word form: $2,805,730$ | 8. Andy wants to buy a new paint set that costs $\$ 27.95$. He has 2 ten-dollar bills, 1 five-dollar bill, 1 one-dollar bill, 3 quarters, 10 dimes, and 3 pennies. <br> Does he have enough money to buy the paint set? $\qquad$ <br> How much change will he receive $\underline{O R}$ how much more money does he need? $\qquad$ |
| 9. Write an equivalent fraction for each fraction below. Then write the original fractions in order from least to greatest. $\frac{3}{4}=-\quad \frac{5}{8}=-\quad \frac{1}{2}=$ $\qquad$ | 10. When you roll a die, do you have the same chance of getting a 6 as you do as getting a 3 ? <br> Explain. |

Name:


Name:

| 1. Jessica drew this pattern: <br> If she made 6 rows of this pattern, how many circles did she draw? | 2. Draw a line segment and label it JR. |
| :---: | :---: |
| 3. What is the probability of the spinner landing on the number 4? | 4. Estimate. <br> Show how you rounded the numbers. $\begin{array}{r} 3172 \\ +\quad 5496 \\ \hline \end{array}$ |
| 5. Write these fractions as decimals. <br> a. $\frac{3}{10}=$ $\qquad$ <br> b. $\frac{26}{100}=$ $\qquad$ | 6. Draw two different polygons that contain parallel sides. |
| 7. Solve. $0.75+0.07=$ | 8. Fill in the blanks. $\qquad$ cups $=1$ gallon $\qquad$ cups $=1$ pints $\qquad$ quarts $=1$ gallon $\qquad$ pints $=1$ quart |
| 9. Solve. $\frac{3}{4}=\frac{?}{12}$ | 10. Complete the pattern. $1,8,3,10,5,12$ $\qquad$ $\qquad$ $\qquad$ <br> Explain the pattern. |

Name:

| 1. A theater sold 819 tickets for 3 performances of a play. The same number of people saw each show. How many people saw the first two performances of the play? | 2. Write an equivalent fraction for each. <br> a. $\frac{1}{5}=\square \quad$ b. $\quad \frac{2}{4}=$ <br> c. $\frac{3}{8}=$ $\qquad$ |
| :---: | :---: |
| 3. School Populations <br> 476 students <br> 237 students <br> 84 students <br> 593 students <br> a. How many students attend the three most populated schools? <br> b. How many students attended the least populated school? | 4. Round to the nearest hundredth. $847.9648$ |
| 5. Draw two line segments parallel to each other. Label your line segments. | 6. Complete and describe the pattern. <br> $3,7,6,5,9,8,7,11$, $\qquad$ $\qquad$ , 13 |
| 7. Is it equally likely or not equally likely that a flipped coin will land on heads or tails? <br> Circle one: equally likely <br> not equally likely | 8. Follow the function rule to complete the table. |
| 9. Fill in the missing numbers. | 10. Which is heavier, an object weighing 67 ounces or an object weighing 4 pounds? Explain your answer. |

Name:

| 1. Kyle ran the race in 9.24 seconds. Joel ran the |
| :--- | :--- | :--- | :--- |
| race in 9.45 seconds. Who won, and by how |
| much? | 2.

Name:

| 1. Estimate the sum. Explain. $376+2094+96=$ | 2. | Draw an angle. <br> Name your angle. |
| :---: | :---: | :---: |
| 3. Measure the line segment below to the nearest centimeter and to the nearest inch. <br> c <br> a. $\qquad$ cm. <br> b. $\qquad$ in. | 4. | What is the Least Common Multiple (LCM) of 12 and 5? |
| 5. If 59 students want to go on a rafting trip, and each raft holds 6 people, how many rafts will be needed? | 6. | How are lines and line segments different? |
| 7. Compare. Use $>,<$, or $=$. $\frac{5}{9}$ $\frac{2}{3}$ <br> Which fraction is larger? | 8. | The following numbers of hot lunches were sold recently at one school. Construct a line graph to show this information. Use another sheet of paper. Title and label your graph. <br> School lunches sold each day |
| 9. Solve. $4,685-194=$ | 10. | Which expression would NOT make the equation true? $8 \times 6=$ $\qquad$ <br> A. $3 \times 14$ <br> B. $12 \times 4$ <br> C. $16 \times 3$ |

Name:

\begin{tabular}{|c|c|}
\hline 1. Shade \(\frac{1}{4}\) of the rectangle. \& \begin{tabular}{l}
2. Write the decimal. \\
a. \(\qquad\) b. \(\qquad\)
\end{tabular} \\
\hline \begin{tabular}{l}
3. Write as a decimal: \\
seventeen and forty-one thousandths
\(\qquad\)
\end{tabular} \& \begin{tabular}{l}
4. There are 12 colored blocks in a bag: 5 blue, 1 white, 3 yellow, and 3 red. \\
a. What is the probability that someone will choose a blue block? \\
b. What is the least likely color to be chosen?
\end{tabular} \\
\hline \begin{tabular}{l}
5. Circle the picture that shows perpendicular lines. \\
A \\
B
\end{tabular} \& 6. Estimate by rounding to the nearest hundred. Show your work.
\[
12,846-3467
\] \\
\hline \begin{tabular}{l}
7. Compare. Use \(>,<\), or \(=\). \\
A. 0.61 \\
B. 0.7 \\
a. Which decimal is larger? \(\qquad\) \\
b. How much larger is it? \(\qquad\)
\end{tabular} \& \begin{tabular}{l}
8. Which blanket requires a longer piece of cloth for trim, one that is 5 ft . by 5 ft . or one that is 6 ft . by 3 ft ? \\
Show how you know.
\end{tabular} \\
\hline 9. In one week, a grocery store sold 12,587 gallons of milk. How much more is this than the 3,509 gallons that were sold in another store? \& 10. Extend and describe the pattern.
\(\square\)

$\square$ $\bigcirc$ $\square$ \\
\hline
\end{tabular}

Name:

| 1. <br> a. Write an equivalent fraction for $\frac{2}{5}$. <br> b. Write a decimal equivalent to $\frac{1}{4}$. $\qquad$ | 2. Write a name for the figure: line, line segment, or point. <br> G <br> a. $\qquad$ b. $\qquad$ c. $\qquad$ |
| :---: | :---: |
| 3. Compare. Write >, <, or =. <br> a. $\frac{3}{5}$ $\frac{1}{5}$ <br> b. $\frac{3}{4}$ $\frac{5}{8}$ <br> c. $\frac{3}{6}$ $\frac{1}{2}$ <br> Which fraction used above is the greatest of all six? | 4. Solve. $12,468+3,406=$ |
| 5. A fourth grade class of 27 students at Dickinson Elementary is going on a field trip to the museum. Each car will take 5 students. How many cars are needed? | 6. Write the missing numbers on the number line. |
| 7. Use the information to construct a bar graph on another sheet of paper. Title and label your graph. | 8. Solve. $0.78+1.2=$ |
| 9. Fill in the blanks. $\qquad$ $\mathrm{mm}=1 \mathrm{~cm}$ <br> $200 \mathrm{~cm}=$ $\qquad$ meters <br> $5,000 \mathrm{~mm}=$ $\qquad$ meters | 10. Round 12.572 to the nearest tenth. |

Name:

| 1. Solve for $n$. $15+(35+16)=(15+35)+n$ | 2. What fraction can you add to $\frac{4}{7}$ to get a sum of one? ? |
| :---: | :---: |
| 3. Fill in the blanks to make each equation true. <br> A. $(8+5)+7=8+(\ldots+7)$ <br> B. $(3 \times 4) \times 5=\ldots \times(4 \times 5)$ <br> C. $12 \times(3 \times 2)=(12 \times \ldots) \times 2$ | 4. Choose the best unit if weight to measure the items below: <br> oz., lb., or $t$. <br> a. a butterfly $\qquad$ <br> b. a bicycle $\qquad$ |
| 5. Perryville Metro can carry up to 865 people every five minutes. What is the maximum number of people it can carry in a two-hour period? | 6. Follow the function rule to complete the table. |
| 7. Write a decimal and fraction for the shaded part of this model. | 8. Cindy saw a newspaper advertisement for King's Cold Cuts. She decided to buy 0.50 lb . of turkey for $\$ 1.70$ and 0.74 lb . of cheese for $\$ 2.55$. How many pounds of food did she buy? |
| 9. $2,745.045$ <br> a. What digit is in the thousands place? $\qquad$ <br> b. What digit is in the tenths place? $\qquad$ | 10. I am thinking of two numbers. If you add them you get 15 , multiply them you get 36 , subtract them you get 9, and divide them you get 4. What are the two numbers? |

Fourth Grade Mathematics Summer Review ANSWER KEY


Student's Signature (optional) $\qquad$ Date $\qquad$

